



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AN EAST COAST FEVER VACCINE BASED ON CTL- SPECIFIC SCHIZONT ANTIGENS**

the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

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(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119

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60/486,750	July 14, 2003	Yes

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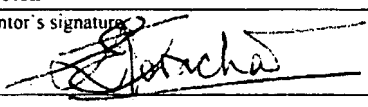
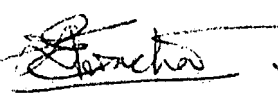
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Full name of sole or first inventor <b>Evans Taracha</b>	
Sole or first inventor's signature 	Date <b>24/08/2007</b>
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  ILRI P.O. Box <del>30709</del> <b>53514 - 00200</b>  <b>24/08/07</b> <del>00100</del> <b>Nairobi, Kenya</b>	

Full name of second inventor, if any <b>Elizabeth Jane Glew</b>	
Second inventor's signature	Date
Residence <b>Manchester, UK</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address <b>44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ</b>	

Full name of third inventor, if any <b>Simon Graham</b>	
Third inventor's signature	Date
Residence <b>Haslemere, UK</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address  <b>Veterinary Laboratories Agency Woodham Lane, Addlestone Surrey, KT15 3NB UK</b>	

Full name of fourth inventor, if any <b>Duncan Mwangi</b>	
Fifth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

Full name of fifth inventor, if any <b>Yoshikazu Honda</b>	
Fourth inventor's signature	Date
Residence <b>Glenelg, SA, Australia</b>	
Citizenship <b>Japan</b>	
Mailing Address  <b>505/19 Holdfast Promenade Glenelg SA 5045, Australia</b>	

Full name of sixth inventor, if any <b>Roger Pelle</b>	
Eighth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Cameroon</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

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Seventh inventor's signature	Date
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Citizenship <b>Nigeria</b>	
Mailing Address  Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria	

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Mailing Address  World Organization for Animal Health Sanseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan	

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Sixth inventor's signature	Date
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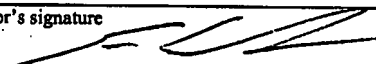
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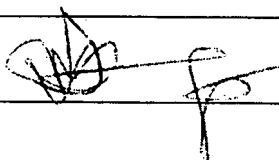
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Full name of eighth inventor, if any <b>Matasuke Yamage</b>	
Tenth inventor's signature	Date
Residence <b>Ibaraki, Japan</b>	
Citizenship <b>Japan</b>	
Mailing Address  World Organization for Animal Health Sanseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan	

Full name of ninth inventor, if any <b>Vishvanath Nene</b>	
Sixth inventor's signature	Date
Residence <b>Potomac, MD</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address  University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201	





**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

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the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

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Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119

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Application Number	Date of Filing	Priority Claimed Under 35 USC 119
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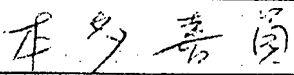
Please direct facsimiles to: (202) 344-8300

Full name of sole or first inventor <b>Evans Taracha</b>	
Sole or first inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

Full name of second inventor, if any <b>Elizabeth Jane Glew</b>	
Second inventor's signature	Date
Residence <b>Manchester, UK</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address <b>44 Moss Side Road Cadishead Manchester, United Kingdom M44 5JJ</b>	

Full name of third inventor, if any <b>Simon Graham</b>	
Third inventor's signature	Date
Residence <b>Haslemere, UK</b>	
Citizenship <b>United Kingdom</b>	
Mailing Address <b>Veterinary Laboratories Agency Woodham Lane, Addlestone Surrey, KT15 3NB UK</b>	

Full name of fourth inventor, if any <b>Duncan Mwangi</b>	
Fifth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  ILRI P.O. Box 30709 00100 Nairobi, Kenya	

Full name of fifth inventor, if any <b>Yoshikazu Honda</b>	
Fourth inventor's signature 	Date <b>20/August/2007</b>
Residence <b>Glenelg, SA, Australia</b>	
Citizenship <b>Japan</b>	
Mailing Address  505/19 Holdfast Promenade Glenelg SA 5045, Australia	

Full name of sixth inventor, if any <b>Roger Pelle</b>	
Eighth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Cameroon</b>	
Mailing Address  ILRI P.O. Box 30709 00100 Nairobi, Kenya	

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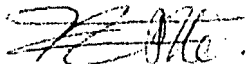
Full name of sole or first inventor <b>Evans Taracha</b>	
Sole or first inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

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Second inventor's signature	Date
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Citizenship <b>United Kingdom</b>	
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Citizenship <b>United Kingdom</b>	
Mailing Address  <b>Veterinary Laboratories Agency Woodham Lane, Addlestone Surrey, KT15 3NB UK</b>	

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Fifth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

Full name of fifth inventor, if any <b>Yoshikazu Honda</b>	
Fourth inventor's signature	Date
Residence <b>Glenelg, SA, Australia</b>	
Citizenship <b>Japan</b>	
Mailing Address  <b>505/19 Holdfast Promenade Glenelg SA 5045, Australia</b>	

Full name of sixth inventor, if any <b>Roger Pelle</b>	
Eighth inventor's signature 	Date <b>27-08-2017</b>
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Cameroon</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

Full name of seventh inventor, if any <b>Nyerhovwo J. Tonukari</b>	
Seventh inventor's signature	Date
Residence <b>Abraka, Nigeria</b>	
Citizenship <b>Nigeria</b>	
Mailing Address  Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria	

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Sixth inventor's signature	Date
Residence <b>Potomac, MD</b>	
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Full name of sole or first inventor <b>Evans Taracha</b>	
Sole or first inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

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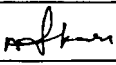
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Third inventor's signature	Date
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Citizenship <b>United Kingdom</b>	
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Full name of fourth inventor, if any <b>Duncan Mwangi</b>	
Fifth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Kenya</b>	
Mailing Address  ILRJ P.O. Box 30709 00100 Nairobi, Kenya	

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Fourth inventor's signature	Date
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Citizenship <b>Japan</b>	
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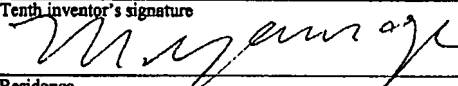
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Mailing Address  <b>505/19 Holdfast Promenade Glenelg SA 5045, Australia</b>	

Full name of sixth inventor, if any <b>Roger Pelle</b>	
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Mailing Address <b>Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria</b>	

Full name of eighth inventor, if any <b>Matasuke Yamage</b>	
Tenth inventor's signature 	Date <b>18 Aug 2007</b>
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Citizenship <b>Japan</b>	
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Full name of ninth inventor, if any <b>Vishvanath Nene</b>	
Sixth inventor's signature	Date
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Citizenship <b>United Kingdom</b>	
Mailing Address <b>University of Maryland School of Medicine HSF-II, Room S-447 20 Penn Street Baltimore, MD 21201</b>	





**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**DECLARATION FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AN EAST COAST FEVER VACCINE BASED ON CTL- SPECIFIC SCHIZONT ANTIGENS**

the specification of which was filed on Jan. 3, 2006 as Application No. 10/564,397.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at **Venable LLP**, P.O. Box 34385, Washington, DC 20043-9998, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☒ no such foreign applications have been filed

☐ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☐ no such U.S. provisional applications have been filed.

☒ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/486,750	July 14, 2003	Yes

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☐ no such U.S./PCT applications have been filed.

☒ such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing
PCT/US2004/022605	Parent		July 14, 2004

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 26694

all of **Venable LLP**, P.O. Box 34385, Washington, DC 20043-9998, jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Please mail all correspondence to Michael A. Gollin, whose address is:

**Venable LLP**  
P.O. Box 34385  
Washington, DC 20043-9998

Please direct telephone calls to: Michael A. Gollin at (202) 344-4000.

Please direct facsimiles to: (202) 344-8300

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Full name of sixth inventor, if any <b>Roger Pelle</b>	
Eighth inventor's signature	Date
Residence <b>Nairobi, Kenya</b>	
Citizenship <b>Cameroon</b>	
Mailing Address  <b>ILRI P.O. Box 30709 00100 Nairobi, Kenya</b>	

Full name of seventh inventor, if any <b>Nyerhovwo J. Tonukari</b>	
Seventh inventor's signature	Date
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Citizenship <b>Nigeria</b>	
Mailing Address <b>Department of Biochemistry Delta State University P.M.B. 1 Abraka, Nigeria</b>	

Full name of eighth inventor, if any <b>Matasuke Yamage</b>	
Tenth inventor's signature	Date
Residence <b>Ibaraki, Japan</b>	
Citizenship <b>Japan</b>	
Mailing Address <b>World Organization for Animal Health Sanseido Building, 4F, 2-4-10 Kojimachi Chiyoda-Ku, Tokyo 102-0083, Japan</b>	

Full name of ninth inventor, if any <b>Vishvanath Nene</b>	
Sixth inventor's signature <i>Vishvanath Nene</i>	Date <i>8/28/07</i>
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